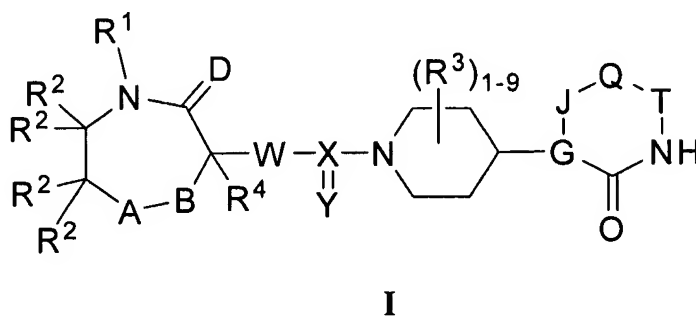


Listing of the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) The compound of Formula I:



wherein:

A is a bond, $C(R^2)_2$, O, $S(O)_m$ or NR^2 ;

B is $(C(R^2)_2)_n$;

D is O;

R^1 is selected from:

- 1) H, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 -6 cycloalkyl, and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_1 -6 alkyl,
 - b) C_3 -6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,

- d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_s OR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and,
 - v) $O(CO)R^4$;
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,

- g) halogen,
- h) OR^4 ,
- i) $O(CH_2)_sOR^4$,
- j) CO_2R^4 ,
- k) $(CO)NR^{10}R^{11}$,
- l) $O(CO)NR^{10}R^{11}$,
- m) $N(R^4)(CO)NR^{10}R^{11}$,
- n) $N(R^{10})(CO)R^{11}$,
- o) $N(R^{10})(CO)OR^{11}$,
- p) $SO_2NR^{10}R^{11}$,
- q) $N(R^{10})SO_2R^{11}$,
- r) $S(O)_mR^{10}$,
- s) CN,
- t) $NR^{10}R^{11}$,
- u) $N(R^{10})(CO)NR^4R^{11}$, and
- v) $O(CO)R^4$;

R^2 is independently selected from:

- 1) H, C_0 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 -6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_1 -6 alkyl,
 - b) C_3 -6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,

- j) CO_2R^4 ,
- k) $(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- l) $\text{O}(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- m) $\text{N}(\text{R}^4)(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- n) $\text{N}(\text{R}^{10})(\text{CO})\text{R}^{11}$,
- o) $\text{N}(\text{R}^{10})(\text{CO})\text{OR}^{11}$,
- p) $\text{SO}_2\text{NR}^{10}\text{R}^{11}$,
- q) $\text{N}(\text{R}^{10})\text{SO}_2\text{R}^{11}$,
- r) $\text{S}(\text{O})_m\text{R}^{10}$,
- s) CN ,
- t) $\text{NR}^{10}\text{R}^{11}$,
- u) $\text{N}(\text{R}^{10})(\text{CO})\text{NR}^4\text{R}^{11}$, and,
- v) $\text{O}(\text{CO})\text{R}^4$; and,

2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents

independently selected from:

- a) C_{1-6} alkyl,
- b) C_{3-6} cycloalkyl,
- c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- f) $(\text{F})_p\text{C}_{1-3}$ alkyl,
- g) halogen,
- h) OR^4 .
- i) $\text{O}(\text{CH}_2)_s\text{OR}^4$,
- j) CO_2R^4 ,
- k) $(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- l) $\text{O}(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- m) $\text{N}(\text{R}^4)(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- n) $\text{N}(\text{R}^{10})(\text{CO})\text{R}^{11}$,

- o) $N(R^{10})(CO)OR^{11}$,
- p) $SO_2NR^{10}R^{11}$,
- q) $N(R^{10})SO_2R^{11}$,
- r) $S(O)_mR^{10}$,
- s) CN,
- t) $NR^{10}R^{11}$,
- u) $N(R^{10})(CO)NR^4R^{11}$, and
- v) $O(CO)R^4$;

or, any two independent R^2 on the same carbon or on adjacent carbons may be joined together to form a ring selected from cyclobutyl, cyclopentenyl, cyclopentyl, cyclohexenyl, cyclohexyl, thiazolanyl, oxazolanyl, imidazolanyl, imidazolidanyl, pyrrolanyl, morpholanyl, thiomorpholanyl, thiomorpholanyl S-oxide, thiomorpholanyl S-dioxide, azetidanyl, pyrrolidinyl, piperidinyl, tetrahydrofuranyl, tetrahydropyranyl, tetrahydropyridyl, furanyl, dihydrofuranyl, dihydropyranyl or piperazinyl,

where said ring is unsubstituted or substituted with 1-5 substituents independently selected from:

- (a) $-C_{1-6}$ alkyl, which is unsubstituted or substituted with 1-3 substituents independently selected from:
 - (i) halo,
 - (ii) hydroxy,
 - (iii) $-O-C_{1-6}$ alkyl,
 - (iv) $-C_{3-6}$ cycloalkyl,
 - (v) $-COR^{10}$
 - (vi) $-CO_2R^{10}$,
 - (vii) $-NR^{10}R^{11}$,
 - (viii) $-SO_2R^{10}$,
 - (ix) $-CONR^{10}R^{11}$, and
 - (x) $-(NR^{10})CO_2R^{11}$,
- (b) $-SO_2NR^{10}R^{11}$
- (c) halo,
- (d) $-SO_2R^{10}$,
- (e) hydroxy,

- (f) $-O-C_{1-6}$ alkyl, which is unsubstituted or substituted with 1-5 halo,
- (g) $-CN$,
- (h) $-COR^{10}$,
- (i) $-NR^{10}R^{11}$,
- (j) $-CONR^{10}R^{11}$,
- (k) $-CO_2R^{10}$,
- (l) $-(NR^{10})CO_2R^{11}$,
- (m) $-O(CO)NR^{10}R^{11}$,
- (n) $-(NR^4)(CO)NR^{10}R^{11}$, and
- (o) oxo;

R^{10} and R^{11} are independently selected from: H, C_{1-6} alkyl, $(F)_pC_{1-6}$ alkyl, C_{3-6} cycloalkyl, aryl, heteroaryl, and benzyl, unsubstituted or substituted with halogen, hydroxy or C_1-C_6 alkoxy, where R^{10} and R^{11} may be joined together to form a ring selected from: azetidiny, pyrrolidiny, piperidiny, piperaziny, or morpholiny, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ;

R^4 is independently selected from: H, C_{1-6} alkyl, $(F)_pC_{1-6}$ alkyl, C_{3-6} cycloalkyl, aryl, heteroaryl and benzyl, unsubstituted or substituted with halogen, hydroxy or C_1-C_6 alkoxy;

W is O, NR^4 or $C(R^4)_2$;

X is C or S;

Y is O, $(R^4)_2$, NCN, NSO_2CH_3 , or $NCONH_2$, or Y is O_2 when X is S;

R^5 is independently selected from H and:

- 1) C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_{3-6} cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,

- c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and,
 - v) $O(CO)R^4$;
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,

- e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and
 - v) $O(CO)R^4$;
- 3) C_{1-6} alkyl,
 - 4) C_{3-6} cycloalkyl,
 - 5) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 6) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 7) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 8) $(F)_pC_{1-3}$ alkyl,
 - 9) halogen,
 - 10) OR^4 ,
 - 11) $O(CH_2)_sOR^4$,
 - 12) CO_2R^4 ,

- 13) $(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- 14) $\text{O}(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- 15) $\text{N}(\text{R}^4)(\text{CO})\text{NR}^{10}\text{R}^{11}$,
- 16) $\text{N}(\text{R}^{10})(\text{CO})\text{R}^{11}$,
- 17) $\text{N}(\text{R}^{10})(\text{CO})\text{OR}^{11}$,
- 18) $\text{SO}_2\text{NR}^{10}\text{R}^{11}$,
- 19) $\text{N}(\text{R}^{10})\text{SO}_2\text{R}^{11}$,
- 20) $\text{S}(\text{O})_m\text{R}^{10}$,
- 21) CN ,
- 22) $\text{NR}^{10}\text{R}^{11}$,
- 23) $\text{N}(\text{R}^{10})(\text{CO})\text{NR}^4\text{R}^{11}$, and,
- 24) $\text{O}(\text{CO})\text{R}^4$,

or two R^5 attached to the same carbon form the substituent $=\text{O}$, such that $\text{C}(\text{R}^5)_2$ may be $\text{C}=\text{O}$,

where the number of R^5 substituents that are not H, can range from zero to three;

G-J is selected from: N, C, $\text{C}=\text{C}(\text{R}^5)$, $\text{N}-\text{C}(\text{R}^5)_2$, $\text{C}=\text{N}$, $\text{C}(\text{R}^5)-\text{C}(\text{R}^5)_2$, $\text{C}(\text{R}^5)-\text{N}(\text{R}^6)$, $\text{N}(\text{R}^6)-\text{N}(\text{R}^6)$;

Q-T is selected from: $\text{C}(\text{R}^5)_2-\text{C}(\text{R}^5)_2$, $\text{C}(\text{R}^5)=\text{C}(\text{R}^5)$, $\text{N}=\text{C}(\text{R}^5)$, $\text{C}(\text{R}^5)=\text{N}$, $\text{N}=\text{N}$, N and $\text{C}(\text{R}^5)_2-(\text{C}=\text{O})$, $\text{N}(\text{R}^6)-(\text{C}=\text{O})$, $\text{C}(\text{R}^5)_2-\text{N}(\text{R}^6)$;

R^3 is independently selected from H, substituted or unsubstituted C_1 - C_3 alkyl, CN and CO_2R^4 ;

p is 0 to $2q+1$, for a substituent with q carbons;
m is 0, 1 or 2;
n is 0 or 1;
s is 1, 2 or 3;

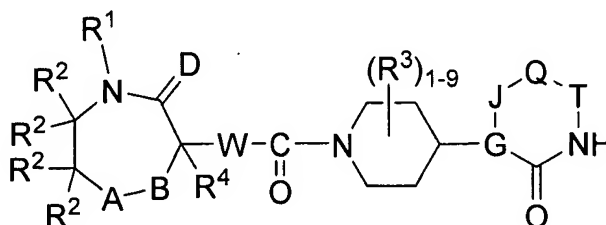
wherein "heteroaryl" means a stable 5- to 7- membered monocyclic- or stable 8- to 11-membered bicyclic heterocyclic ring system which is either saturated or unsaturated, and which consists of carbon atoms and from one to four heteroatoms selected from the group consisting of N, O and S, and wherein the nitrogen

and sulfur atoms may optionally be quaternized, and including any bicyclic group in which any of the above-defined heterocyclic rings is fused to a benzene ring;

and "heterocyclic" means a stable 5- to 7- membered monocyclic- or stable 9- to 10-membered fused bicyclic heterocyclic ring system which contains an aromatic ring, any ring of which may be saturated, and which consists of carbon atoms and from one to four heteroatoms selected from the group consisting of N, O and S, and wherein the nitrogen and sulfur atoms may optionally be oxidized, and the nitrogen heteroatom may optionally be quaternized, and including any bicyclic group in which any of the above-defined heterocyclic rings is fused to a benzene ring; and

or a and pharmaceutically acceptable salt salts and individual diastereomers thereof.

2. (Currently Amended) A compound according to claim 1 having the Formula Ia:



Ia

wherein:

A is a bond, C(R²)₂, O, S(O)_m or NR²;

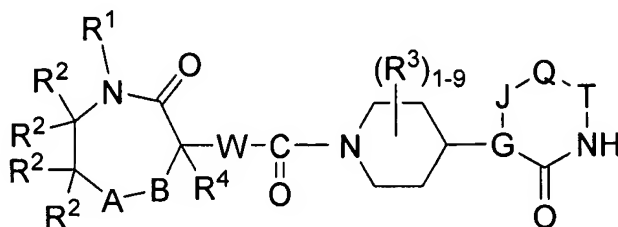
B is (C(R²)₂)_n;

D is O;

n is 0 or 1; and

or a and pharmaceutically acceptable salt salts and individual stereoisomers thereof.

3. (Currently Amended) A compound according to claim 1 having the Formula Ib:



Ib

wherein:

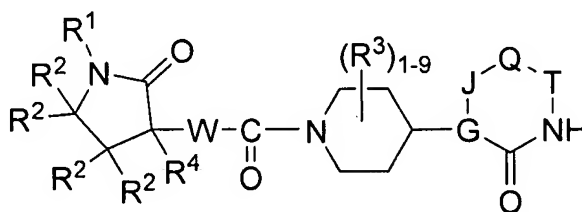
A is a bond, $C(R^2)_2$, O, $S(O)_m$ or NR^2 ;

B is $(C(R^2)_2)_n$;

n is 0 or 1; and

or a ~~and~~ pharmaceutically acceptable salt salts and individual stereoisomers thereof.

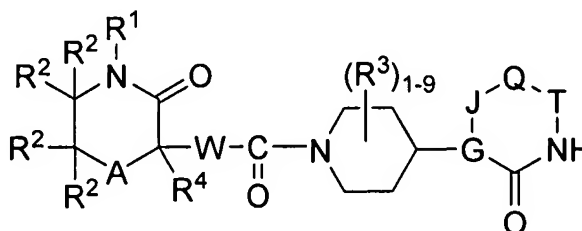
4. (Currently Amended) A compound according to claim 1 having the Formula Ic:



Ic

or a ~~and~~ pharmaceutically acceptable salt salts and individual stereoisomers thereof.

5. (Currently Amended) A compound according to claim 1 having the Formula Id:



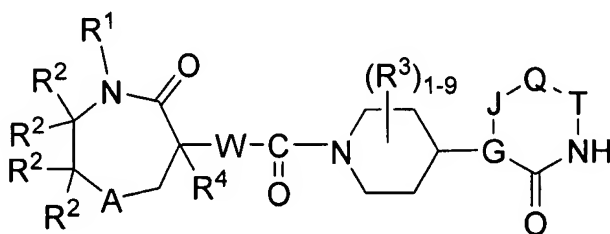
Id

wherein:

A is $C(R^2)_2$, O, $S(O)_m$ or NR^2 ;

or a ~~and~~ pharmaceutically acceptable salt ~~salts~~ and individual stereoisomers thereof.

6. (Currently Amended) A compound according to claim 1 having the Formula Ie:



Ie

wherein:

A is $C(R^2)_2$, O, $S(O)_m$ or NR^2 ;

or a ~~and~~ pharmaceutically acceptable salt ~~salts~~ and individual stereoisomers thereof.

7. (Currently Amended) A compound according to claim 1 having the Formulae Ia –Ie, wherein:

R^1 is selected from:

- 1) H, C_1 - C_6 alkyl, C_3 -6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_1 -6 alkyl,
 - b) C_3 -6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,

- d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 .
 - k) CN,
 - l) $NR^{10}R^{11}$, and
 - m) $O(CO)R^4$; and
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) $(F)_pC_{1-3}$ alkyl,
 - d) halogen,
 - e) OR^4 ,
 - f) CO_2R^4 ,
 - g) $(CO)NR^{10}R^{11}$,
 - h) $SO_2NR^{10}R^{11}$,
 - i) $N(R^{10})SO_2R^{11}$,
 - j) $S(O)_mR^4$,
 - k) CN,
 - l) $NR^{10}R^{11}$, and,
 - m) $O(CO)R^4$;

R^2 is selected from:

- 1) H, C_0 - C_6 alkyl, C_2 - C_6 alkynyl, C_{3-6} cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:

- a) C₁₋₆ alkyl,
 - b) C₃₋₆ cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents ~~sustituents~~ where the substituents are independently selected from R⁴,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - f) (F)_pC₁₋₃ alkyl,
 - g) halogen,
 - h) OR⁴,
 - i) O(CH₂)₅OR⁴,
 - j) CO₂R⁴,
 - k) S(O)_mR⁴,
 - l) CN,
 - m) NR¹⁰R¹¹, and
 - n) O(CO)R⁴; and
- 2) aryl or heteroaryl, unsubstituted or substituted with one more substituents independently selected from:
- a) C₁₋₆ alkyl,
 - b) C₃₋₆ cycloalkyl,
 - c) (F)_pC₁₋₃ alkyl,
 - d) halogen,
 - e) OR⁴,
 - f) CO₂R⁴,
 - g) (CO)NR¹⁰R¹¹,
 - h) SO₂NR¹⁰R¹¹,
 - i) N(R¹⁰)SO₂R¹¹,
 - j) S(O)_mR⁴,
 - k) CN,
 - l) NR¹⁰R¹¹, and
 - m) O(CO)R⁴;

or, any two independent R^2 on the same carbon or on adjacent carbons may be joined together to form a ring selected from cyclobutyl, cyclopentenyl, cyclopentyl, cyclohexenyl, cyclohexyl, thiazolinyl, oxazolinyl, imidazolinyl, imidazolidinyl, pyrrolinyl, morpholinyl, thiomorpholinyl, thiomorpholinyl S-oxide, thiomorpholinyl S-dioxide, azetidiny, pyrrolidinyl, piperidinyl, tetrahydrofuranyl, tetrahydropyranyl, tetrahydropyridyl, furanyl, dihydrofuranyl, dihydropyranyl or piperazinyl,

where said ring is unsubstituted or substituted with 1-5 substituents independently selected from:

- (a) $-C_{1-6}$ alkyl, which is unsubstituted or substituted with 1-3 substituents independently selected from:
 - (i) halo,
 - (ii) hydroxy,
 - (iii) $-O-C_{1-6}$ alkyl,
 - (iv) $-C_{3-6}$ cycloalkyl,
 - (v) $-COR^{10}$
 - (vi) $-CO_2R^{10}$,
 - (vii) $-NR^{10}R^{11}$,
 - (viii) $-SO_2R^{10}$,
 - (ix) $-CONR^{10}R^{11}$, and
 - (x) $-(NR^{10})CO_2R^{11}$,
- (b) $-SO_2NR^{10}R^{11}$,
- (c) halo,
- (d) $-SO_2R^{10}$,
- (e) hydroxy,
- (f) $-O-C_{1-6}$ alkyl, which is unsubstituted or substituted with 1-5 halo,
- (g) $-CN$,
- (h) $-COR^{10}$,
- (i) $-NR^{10}R^{11}$,
- (j) $-CONR^{10}R^{11}$,
- (k) $-CO_2R^{10}$,
- (l) $-(NR^{10})CO_2R^{11}$,
- (m) $-O(CO)NR^{10}R^{11}$,

(n) $-(NR^4)(CO)NR^{10}R^{11}$, and

(o) oxo;

R^{10} and R^{11} are independently selected from: H, C_{1-6} alkyl, $(F)_pC_{1-6}$ alkyl, C_{3-6} cycloalkyl, aryl, heteroaryl and benzyl, unsubstituted or substituted with halogen, hydroxy or C_1-C_6 alkoxy, where R^{10} and R^{11} may be joined together to form a ring selected from: azetidiny, pyrrolidiny, piperidiny, piperazinyl and morpholinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4

R^4 is independently selected from: H, C_{1-6} alkyl, $(F)_pC_{1-6}$ alkyl, C_{3-6} cycloalkyl, aryl, heteroaryl and benzyl, unsubstituted or substituted with halogen, hydroxy or C_1-C_6 alkoxy;

W is O, NR^4 or $C(R^4)_2$;

G-J and Q-T are selected from the following pairings:

G-J is N and Q-T is $C(R^5)_2 - C(R^5)_2$,

G-J is N, and Q-T is $C(R^5)=C(R^5)$,

G-J is N and Q-T is $N=C(R^5)$,

G-J is N, and Q-T is $C(R^5)=N$,

G-J is N, and Q-T is $N=N$,

G-J is $C=C(R^5)$, and Q-T is $N(R^6)$,

G-J is N, and Q-T is $C(R^5)_2 - (C=O)-$,

G-J is $N-C(R^5)_2$, and Q-T is $C(R^5)_2-C(R^5)_2$,

G-J is $C=C(R^5)$ and Q-T is $C(R^5)=C(R^5)$,

G-J is $C=C(R^5)$, and Q-T is $C(R^5)=N$,

G-J is $C=C(R^5)$, and Q-T is $N=C(R^5)$,

G-J is $C=N$, and Q-T is $C(R^5)=C(R^5)$,

G-J is $N-C(R^5)_2$, and QT is $C(R^5)_2-(C=O)-$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $N(R^6)-(C=O)-$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $C(R^5)_2-C(R^5)_2$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $C(R^5)_2-N(R^6)$,

G-J is $C(R^5)-N(R^6)$, and QT is $C(R^5)_2-C(R^5)_2$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $N=C(R^5)$,

G-J is $N-C(R^5)_2$, and QT is $C(R^5)_2-N(R^6)$,

G-J is $N-N(R^6)$, and QT is $C(R^5)_2-C(R^5)_2$, and

G-J is $N-C(R^5)_2$, and QT is $N=C(R^5)$;

R^5 is independently selected from H and:

- 1) C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_1-6 alkyl,
 - b) C_3-6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,

- d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and,
 - v) $O(CO)R^4$,
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,

- g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and
 - v) $O(CO)R^4$;
- 3) C_{1-6} alkyl,
 - 4) C_{3-6} cycloalkyl,
 - 5) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 6) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 7) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 8) $(F)_pC_{1-3}$ alkyl,
 - 9) halogen,
 - 10) OR^4 ,
 - 11) $O(CH_2)_sOR^4$,
 - 12) CO_2R^4 ,
 - 13) $(CO)NR^{10}R^{11}$,
 - 14) $O(CO)NR^{10}R^{11}$,
 - 15) $N(R^4)(CO)NR^{10}R^{11}$,

- 16) $N(R^{10})(CO)R^{11}$,
- 17) $N(R^{10})(CO)OR^{11}$,
- 18) $SO_2NR^{10}R^{11}$,
- 19) $N(R^{10})SO_2R^{11}$,
- 20) $S(O)_mR^{10}$,
- 21) CN ,
- 22) $NR^{10}R^{11}$,
- 23) $N(R^{10})(CO)NR^4R^{11}$, and,
- 24) $O(CO)R^4$,

or two R^5 attached to the same carbon form the substituent $=O$, such that $C(R^5)_2$ may be $C=O$,

where the number of R^5 substituents that are not H, can range from zero to three;

R^3 is independently selected from H, substituted or unsubstituted C_1 - C_3 alkyl, CN and CO_2R^4 ;

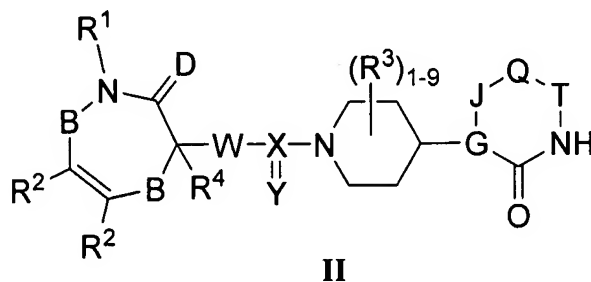
p is 0 to $2q+1$, for a substituent with q carbons

m is 0 to 2;

s is 1 to 3;

or a and pharmaceutically acceptable salt salts and individual stereoisomers thereof.

8. (Currently Amended) The compound of Formula II:



wherein:

B is independently $(C(R^2)_2)_n$;

D is O;

R^1 is selected from:

- 1) H, C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 -6 cycloalkyl, and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_1 -6 alkyl,
 - b) C_3 -6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_5OR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and,
 - v) $O(CO)R^4$;

- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C₁₋₆ alkyl,
 - b) C₃₋₆ cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - f) (F)_pC₁₋₃ alkyl,
 - g) halogen,
 - h) OR⁴,
 - i) O(CH₂)_sOR⁴,
 - j) CO₂R⁴,
 - k) (CO)NR¹⁰R¹¹,
 - l) O(CO)NR¹⁰R¹¹,
 - m) N(R⁴)(CO)NR¹⁰R¹¹,
 - n) N(R¹⁰)(CO)R¹¹,
 - o) N(R¹⁰)(CO)OR¹¹,
 - p) SO₂NR¹⁰R¹¹,
 - q) N(R¹⁰)SO₂R¹¹,
 - r) S(O)_mR¹⁰,
 - s) CN,
 - t) NR¹⁰R¹¹,
 - u) N(R¹⁰)(CO)NR⁴R¹¹, and
 - v) O(CO)R⁴;

R² is independently selected from:

- l) H, C₀-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:

- a) C₁₋₆ alkyl,
 - b) C₃₋₆ cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - f) (F)_pC₁₋₃ alkyl,
 - g) halogen,
 - h) OR⁴,
 - i) O(CH₂)_sOR⁴,
 - j) CO₂R⁴,
 - k) (CO)NR¹⁰R¹¹,
 - l) O(CO)NR¹⁰R¹¹,
 - m) N(R⁴)(CO)NR¹⁰R¹¹,
 - n) N(R¹⁰)(CO)R¹¹,
 - o) N(R¹⁰)(CO)OR¹¹,
 - p) SO₂NR¹⁰R¹¹,
 - q) N(R¹⁰) SO₂R¹¹,
 - r) S(O)_mR¹⁰,
 - s) CN,
 - t) NR¹⁰R¹¹,
 - u) N(R¹⁰)(CO)NR⁴R¹¹, and,
 - v) O(CO)R⁴;
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C₁₋₆ alkyl,
 - b) C₃₋₆ cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,

- d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- f) $(F)_pC_{1-3}$ alkyl,
- g) halogen,
- h) OR^4 ,
- i) $O(CH_2)_sOR^4$,
- j) CO_2R^4 ,
- k) $(CO)NR^{10}R^{11}$,
- l) $O(CO)NR^{10}R^{11}$,
- m) $N(R^4)(CO)NR^{10}R^{11}$,
- n) $N(R^{10})(CO)R^{11}$,
- o) $N(R^{10})(CO)OR^{11}$,
- p) $SO_2NR^{10}R^{11}$,
- q) $N(R^{10})SO_2R^{11}$,
- r) $S(O)_mR^{10}$,
- s) CN,
- t) $NR^{10}R^{11}$,
- u) $N(R^{10})(CO)NR^4R^{11}$, and
- v) $O(CO)R^4$;

or, the independent R^2 on adjacent carbons may be joined together to form a ring selected from cyclopentenyl, cyclohexenyl, phenyl, naphthyl, thienyl, thiazolyl, thiazolinyl, oxazolyl, oxazolinyl, imidazolyl, imidazolinyl, pyridyl, pyrimidyl, pyrazinyl, pyrrolyl, pyrrolinyl, tetrahydropyridyl, furanyl, dihydrofuranyl and dihydropyranlyl,

where said ring is unsubstituted or substituted with 1-5 substituents independently selected from:

- (a) - C_{1-6} alkyl, which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:
 - (i) halo,
 - (ii) hydroxy,

- (iii) -O-C₁₋₆alkyl,
- (iv) -C₃₋₆cycloalkyl,
- (v) -COR₁₀
- (vi) -CO₂R₁₀,
- (vii) -NR₁₀R₁₁,
- (viii) -SO₂R₁₀,
- (ix) -CONR₁₀R₁₁, and
- (x) -(NR₁₀)CO₂R₁₁,
- (b) -SO₂ NR₁₀R₁₁
- (c) halo,
- (d) -SO₂R₁₀,
- (e) hydroxy,
- (f) -O-C₁₋₆alkyl, which is unsubstituted or substituted with 1-5 halo,
- (g) -CN,
- (h) -COR₁₀,
- (i) -NR₁₀R₁₁,
- (j) -CONR₁₀R₁₁,
- (k) -CO₂R₁₀,
- (l) -(NR₁₀)CO₂R₁₁,
- (m) -O(CO)NR₁₀R₁₁,
- (n) -(NR₄)(CO)NR₁₀R₁₁, and
- (o) oxo;

R¹⁰ and R¹¹ are independently selected from: H, C₁₋₆ alkyl, (F)_pC₁₋₆ alkyl, C₃₋₆ cycloalkyl, aryl, heteroaryl, and benzyl, unsubstituted or substituted with halogen, hydroxy or C_{1-C6} alkoxy, where R¹⁰ and R¹¹ may be joined together to form a ring selected from: azetidiny, pyrrolidiny, piperidiny, piperaziny, or morpholiny, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴;

R⁴ is independently selected from: H, C₁₋₆ alkyl, (F)_pC₁₋₆ alkyl, C₃₋₆ cycloalkyl, aryl, heteroaryl and benzyl, unsubstituted or substituted with halogen, hydroxy or C_{1-C6} alkoxy;

W is O, NR⁴ or C(R⁴)₂;

X is C or S;

Y is O, (R⁴)₂, NCN, NSO₂CH₃ or NCONH₂, or Y is O₂ when X is S;

R⁵ is independently selected from H and:

- 1) C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₃-6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C₁-6 alkyl,
 - b) C₃-6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - f) (F)_pC₁₋₃ alkyl,
 - g) halogen,
 - h) OR⁴,
 - i) O(CH₂)₅OR⁴,
 - j) CO₂R⁴,
 - k) (CO)NR¹⁰R¹¹,
 - l) O(CO)NR¹⁰R¹¹,
 - m) N(R⁴)(CO)NR¹⁰R¹¹,
 - n) N(R¹⁰)(CO)R¹¹,
 - o) N(R¹⁰)(CO)OR¹¹,
 - p) SO₂NR¹⁰R¹¹,
 - q) N(R¹⁰)SO₂R¹¹,
 - r) S(O)_mR¹⁰,
 - s) CN,
 - t) NR¹⁰R¹¹,
 - u) N(R¹⁰)(CO)NR⁴R¹¹, and,
 - v) O(CO)R⁴;

- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C₁₋₆ alkyl,
 - b) C₃₋₆ cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - f) (F)_pC₁₋₃ alkyl,
 - g) halogen,
 - h) OR⁴,
 - i) O(CH₂)₅OR⁴,
 - j) CO₂R⁴,
 - k) (CO)NR¹⁰R¹¹,
 - l) O(CO)NR¹⁰R¹¹,
 - m) N(R⁴)(CO)NR¹⁰R¹¹,
 - n) N(R¹⁰)(CO)R¹¹,
 - o) N(R¹⁰)(CO)OR¹¹,
 - p) SO₂NR¹⁰R¹¹,
 - q) N(R¹⁰)SO₂R¹¹,
 - r) S(O)_mR¹⁰,
 - s) CN,
 - t) NR¹⁰R¹¹,
 - u) N(R¹⁰)(CO)NR⁴R¹¹, and
 - v) O(CO)R⁴;
- 3) C₁₋₆ alkyl,
- 4) C₃₋₆ cycloalkyl,
- 5) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,

- 6) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- 7) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
- 8) $(F)_pC_{1-3}$ alkyl,
- 9) halogen,
- 10) OR^4 ,
- 11) $O(CH_2)_sOR^4$,
- 12) CO_2R^4 ,
- 13) $(CO)NR^{10}R^{11}$,
- 14) $O(CO)NR^{10}R^{11}$,
- 15) $N(R^4)(CO)NR^{10}R^{11}$,
- 16) $N(R^{10})(CO)R^{11}$,
- 17) $N(R^{10})(CO)OR^{11}$,
- 18) $SO_2NR^{10}R^{11}$,
- 19) $N(R^{10})SO_2R^{11}$,
- 20) $S(O)_mR^{10}$,
- 21) CN,
- 22) $NR^{10}R^{11}$,
- 23) $N(R^{10})(CO)NR^4R^{11}$, and,
- 24) $O(CO)R^4$,

or two R^5 attached to the same carbon form the substituent $=O$, such that $C(R^5)_2$ may be $C=O$,

where the number of R^5 substituents that are not H, can range from zero to three;

G-J is selected from: N, C, $C=C(R^5)$, $N-C(R^5)_2$, $C=N$, $C(R^5)-C(R^5)_2$, $C(R^5)-N(R^6)$, $N(R^6)-N(R^6)$;

Q-T is selected from: $C(R^5)_2-C(R^5)_2$, $C(R^5)=C(R^5)$, $N=C(R^5)$, $C(R^5)=N$, $N=N$, N and $C(R^5)_2-(C=O)$, $N(R^6)-(C=O)$, $C(R^5)_2-N(R^6)$;

R^3 is independently selected from H, substituted or unsubstituted C_1-C_3 alkyl, CN and CO_2R^4 ;

p is 0 to $2q+1$, for a substituent with q carbons;
m is 0, 1 or 2;
n is 0 or 1;
s is 1, 2 or 3;

wherein "heteroaryl" means a stable 5- to 7- membered monocyclic- or stable 8- to 11-membered bicyclic heterocyclic ring system which is either saturated or unsaturated, and which consists of carbon atoms and from one to four heteroatoms selected from the group consisting of N, O and S, and wherein the nitrogen and sulfur atoms may optionally be quaternized, and including any bicyclic group in which any of the above-defined heterocyclic rings is fused to a benzene ring;

and "heterocyclic" means a stable 5- to 7- membered monocyclic- or stable 9- to 10-membered fused bicyclic heterocyclic ring system which contains an aromatic ring, any ring of which may be saturated, and which consists of carbon atoms and from one to four heteroatoms selected from the group consisting of N, O and S, and wherein the nitrogen and sulfur atoms may optionally be oxidized, and the nitrogen heteroatom may optionally be quaternized, and including any bicyclic group in which any of the above-defined heterocyclic rings is fused to a benzene ring; and

or a and pharmaceutically acceptable salt salts and individual diastereomers thereof.

9. (Currently Amended) A compound according to claim 8, wherein:

R¹ is selected from:

- 1) H, C₁-C₆ alkyl, C₃-6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C₁-6 alkyl,
 - b) C₃-6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R⁴,

- e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_5OR^4$,
 - j) CO_2R^4 ,
 - k) CN,
 - l) $NR^{10}R^{11}$, and
 - m) $O(CO)R^4$; and
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) $(F)_pC_{1-3}$ alkyl,
 - d) halogen,
 - e) OR^4 ,
 - f) CO_2R^4 ,
 - g) $(CO)NR^{10}R^{11}$,
 - h) $SO_2NR^{10}R^{11}$,
 - i) $N(R^{10})SO_2R^{11}$,
 - j) $S(O)_mR^4$,
 - k) CN,
 - l) $NR^{10}R^{11}$, and,
 - m) $O(CO)R^4$;

R^2 is selected from:

- 1) H, C_0 - C_6 alkyl, C_2 - C_6 alkynyl, C_{3-6} cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,

- c) aryl, unsubstituted or substituted with 1-5 substituents ~~sustituents~~ where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 ,
 - k) $S(O)_mR^4$,
 - l) CN,
 - m) $NR^{10}R^{11}$, and
 - n) $O(CO)R^4$; and
- 2) aryl or heteroaryl, unsubstituted or substituted with one more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) $(F)_pC_{1-3}$ alkyl,
 - d) halogen,
 - e) OR^4 ,
 - f) CO_2R^4 ,
 - g) $(CO)NR^{10}R^{11}$,
 - h) $SO_2NR^{10}R^{11}$,
 - i) $N(R^{10})SO_2R^{11}$,
 - j) $S(O)_mR^4$,
 - k) CN,
 - l) $NR^{10}R^{11}$, and
 - m) $O(CO)R^4$;

R^{10} and R^{11} are independently selected from: H, C_{1-6} alkyl, $(F)_pC_{1-6}$ alkyl, C_{3-6} cycloalkyl, aryl, heteroaryl and benzyl, unsubstituted or substituted with halogen, hydroxy or C_1-C_6 alkoxy, where R^{10} and R^{11} may be joined together to form a ring selected from: azetidiny, pyrrolidinyl, piperidinyl, piperazinyl and morpholinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4

R^4 is independently selected from: H, C_{1-6} alkyl, $(F)_pC_{1-6}$ alkyl, C_{3-6} cycloalkyl, aryl, heteroaryl and benzyl, unsubstituted or substituted with halogen, hydroxy or C_1-C_6 alkoxy;

W is O, NR^4 or $C(R^4)_2$;

G-J and Q-T are selected from the following pairings:

G-J is N and Q-T is $C(R^5)_2 - C(R^5)_2$,

G-J is N, and Q-T is $C(R^5)=C(R^5)$,

G-J is N and Q-T is $N=C(R^5)$,

G-J is N, and Q-T is $C(R^5)=N$,

G-J is N, and Q-T is $N=N$,

G-J is $C=C(R^5)$, and Q-T is $N(R^6)$,

G-J is N, and Q-T is $C(R^5)_2 - (C=O)-$,

G-J is $N-C(R^5)_2$, and Q-T is $C(R^5)_2-C(R^5)_2$,

G-J is $C=C(R^5)$ and Q-T is $C(R^5)=C(R^5)$,

G-J is $C=C(R^5)$, and Q-T is $C(R^5)=N$,

G-J is $C=C(R^5)$, and Q-T is $N=C(R^5)$,

G-J is $C=N$, and Q-T is $C(R^5)=C(R^5)$,

G-J is $N-C(R^5)_2$, and QT is $C(R^5)_2-(C=O)-$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $N(R^6)-(C=O)-$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $C(R^5)_2-C(R^5)_2$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $C(R^5)_2-N(R^6)$,

G-J is $C(R^5)-N(R^6)$, and QT is $C(R^5)_2-C(R^5)_2$,

G-J is $C(R^5)-C(R^5)_2$, and QT is $N=C(R^5)$,

G-J is $N-C(R^5)_2$, and QT is $C(R^5)_2-N(R^6)$,

G-J is $N-N(R^6)$, and QT is $C(R^5)_2-C(R^5)_2$, and

G-J is $N-C(R^5)_2$, and QT is $N=C(R^5)$;

R^5 is independently selected from H and:

- 1) C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-6 cycloalkyl and heterocycle, unsubstituted or substituted with one or more substituents independently selected from:
 - a) C_1-6 alkyl,
 - b) C_3-6 cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,

- e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,
 - i) $O(CH_2)_5OR^4$,
 - j) CO_2R^4 .
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and,
 - v) $O(CO)R^4$;
- 2) aryl or heteroaryl, unsubstituted or substituted with one or more substituents independently selected from:
- a) C_{1-6} alkyl,
 - b) C_{3-6} cycloalkyl,
 - c) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - d) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - e) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - f) $(F)_pC_{1-3}$ alkyl,
 - g) halogen,
 - h) OR^4 ,

- i) $O(CH_2)_sOR^4$,
 - j) CO_2R^4 ,
 - k) $(CO)NR^{10}R^{11}$,
 - l) $O(CO)NR^{10}R^{11}$,
 - m) $N(R^4)(CO)NR^{10}R^{11}$,
 - n) $N(R^{10})(CO)R^{11}$,
 - o) $N(R^{10})(CO)OR^{11}$,
 - p) $SO_2NR^{10}R^{11}$,
 - q) $N(R^{10})SO_2R^{11}$,
 - r) $S(O)_mR^{10}$,
 - s) CN ,
 - t) $NR^{10}R^{11}$,
 - u) $N(R^{10})(CO)NR^4R^{11}$, and
 - v) $O(CO)R^4$;
- 3) C_{1-6} alkyl,
 - 4) C_{3-6} cycloalkyl,
 - 5) aryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 6) heteroaryl, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 7) heterocycle, unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^4 ,
 - 8) $(F)_pC_{1-3}$ alkyl,
 - 9) halogen,
 - 10) OR^4 ,
 - 11) $O(CH_2)_sOR^4$,
 - 12) CO_2R^4 ,
 - 13) $(CO)NR^{10}R^{11}$,
 - 14) $O(CO)NR^{10}R^{11}$,
 - 15) $N(R^4)(CO)NR^{10}R^{11}$,
 - 16) $N(R^{10})(CO)R^{11}$,
 - 17) $N(R^{10})(CO)OR^{11}$,

- 18) $\text{SO}_2\text{NR}^{10}\text{R}^{11}$,
- 19) $\text{N}(\text{R}^{10})\text{SO}_2\text{R}^{11}$,
- 20) $\text{S}(\text{O})_m\text{R}^{10}$,
- 21) CN ,
- 22) $\text{NR}^{10}\text{R}^{11}$,
- 23) $\text{N}(\text{R}^{10})(\text{CO})\text{NR}^4\text{R}^{11}$, and,
- 24) $\text{O}(\text{CO})\text{R}^4$,

or two R^5 attached to the same carbon form the substituent $=\text{O}$, such that $\text{C}(\text{R}^5)_2$ may be $\text{C}=\text{O}$,

where the number of R^5 substituents that are not H, can range from zero to three;

R^3 is independently selected from H, substituted or unsubstituted $\text{C}_1\text{-C}_3$ alkyl, CN and CO_2R^4 ;

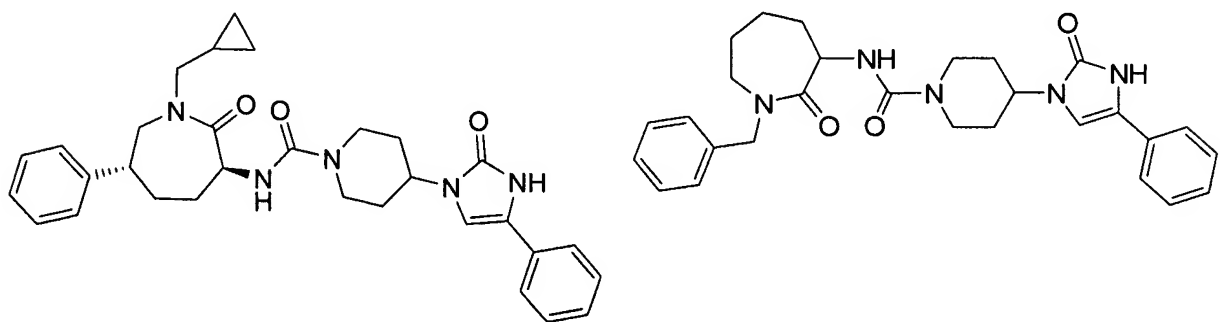
p is 0 to $2q+1$, for a substituent with q carbons

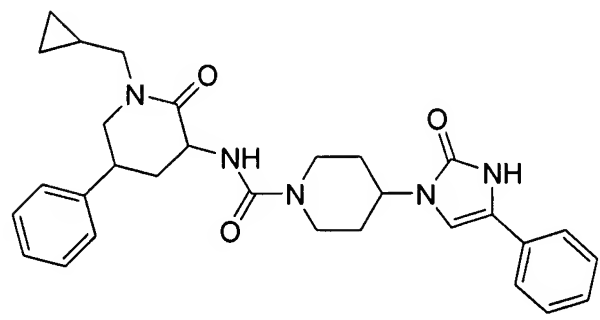
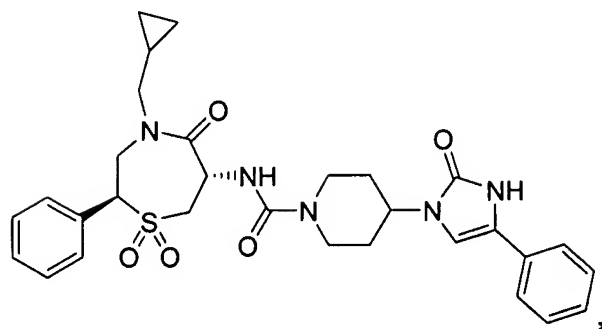
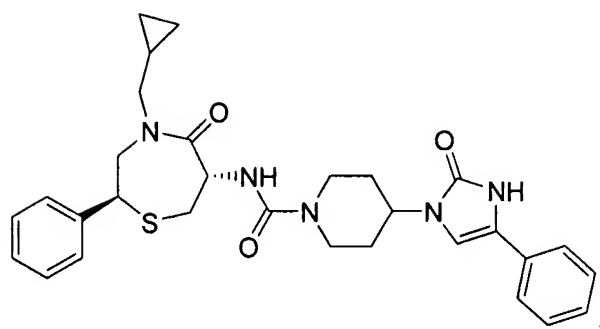
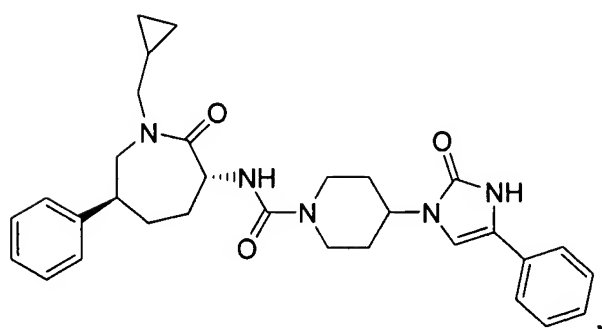
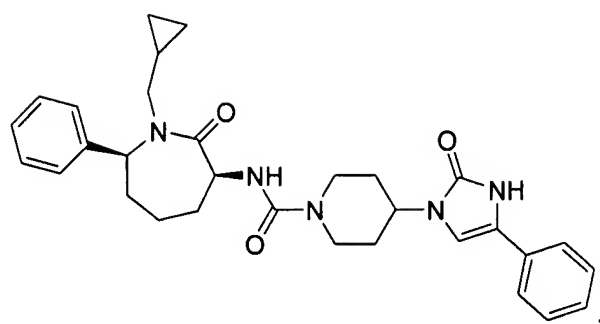
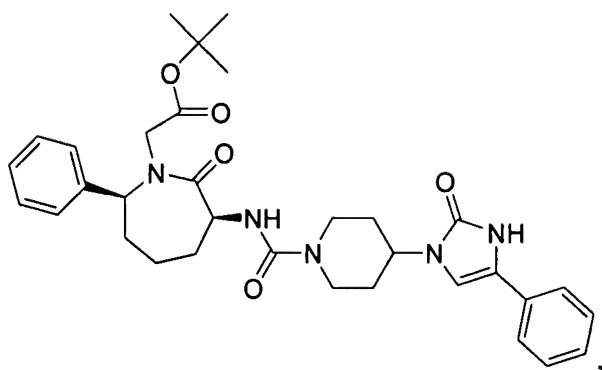
m is 0 to 2;

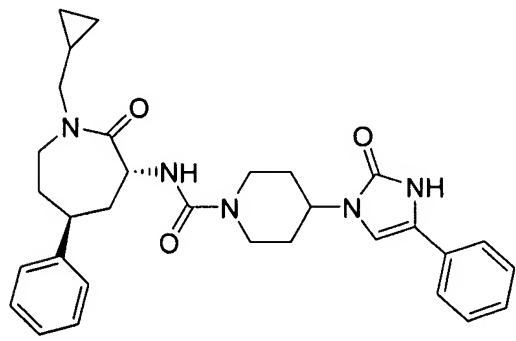
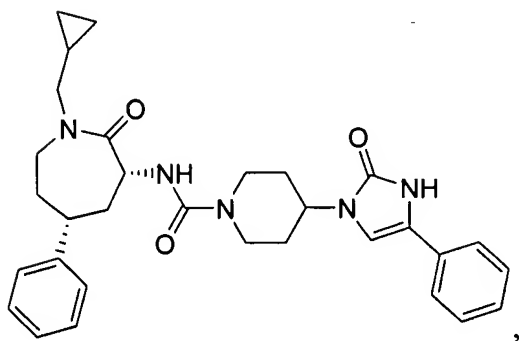
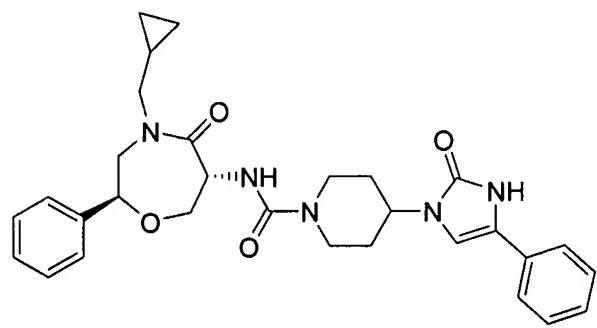
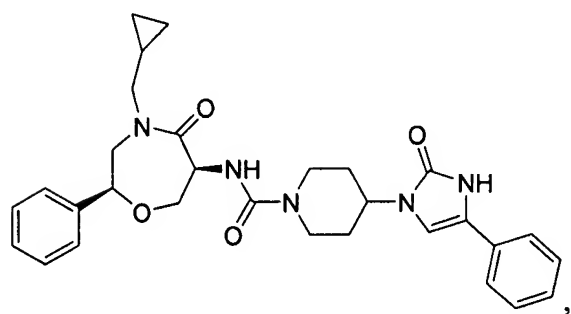
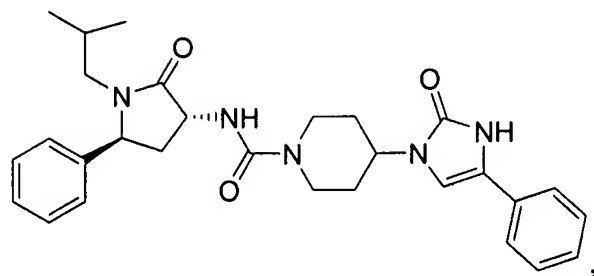
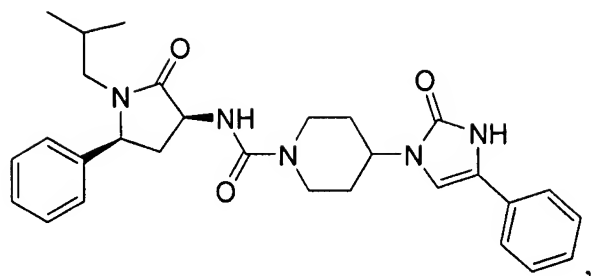
s is 1 to 3;

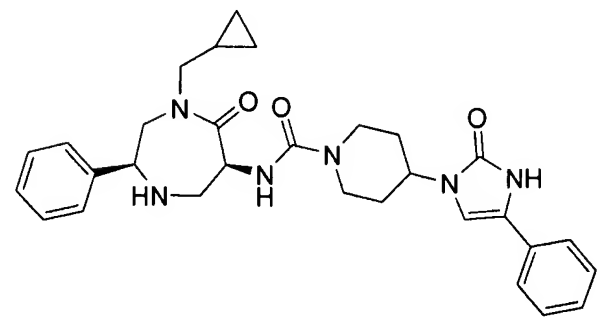
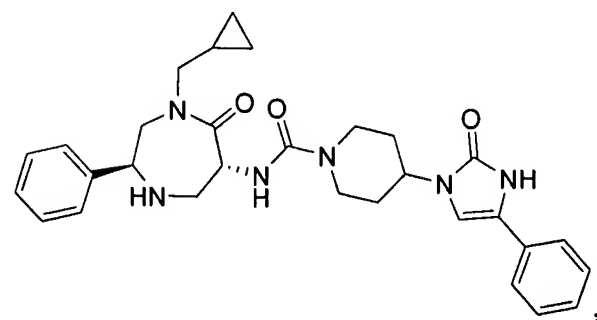
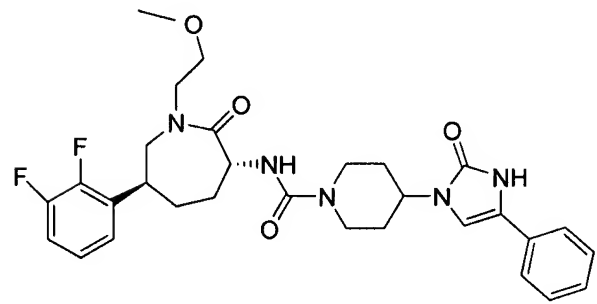
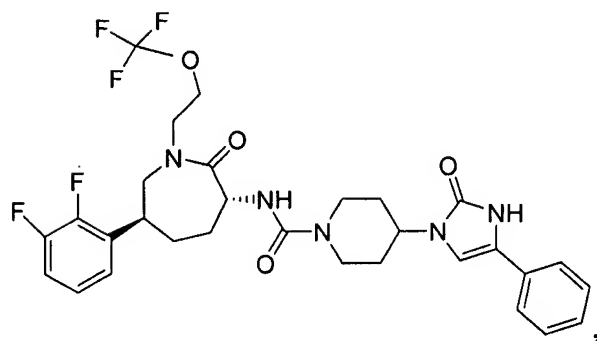
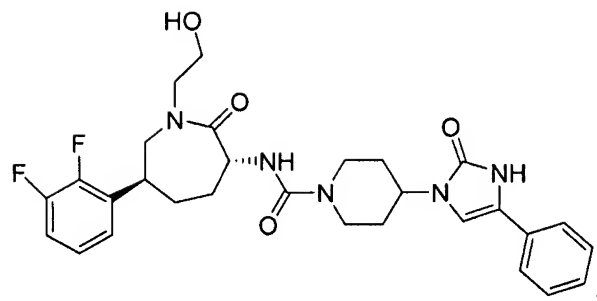
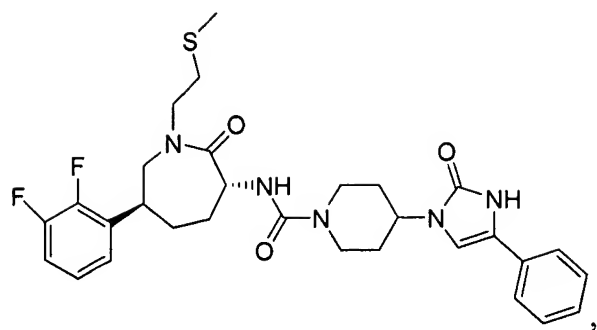
or a and pharmaceutically acceptable salt salts individual stereoisomers thereof.

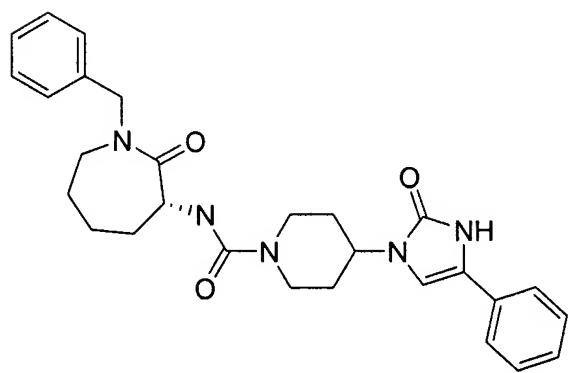
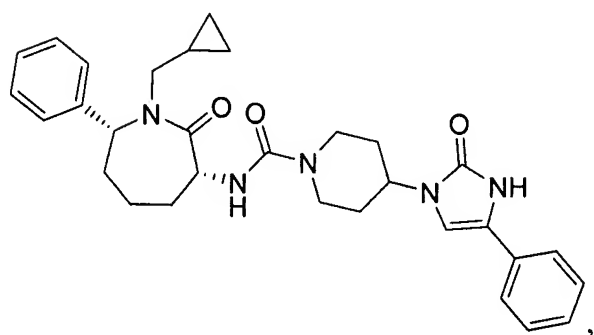
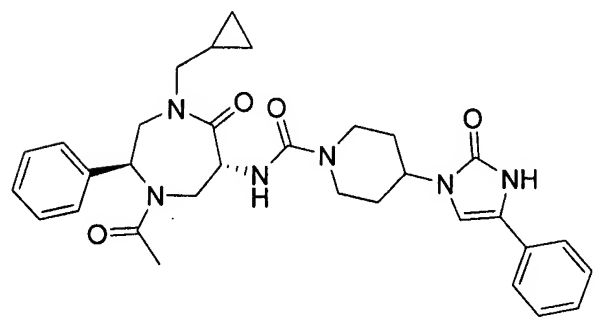
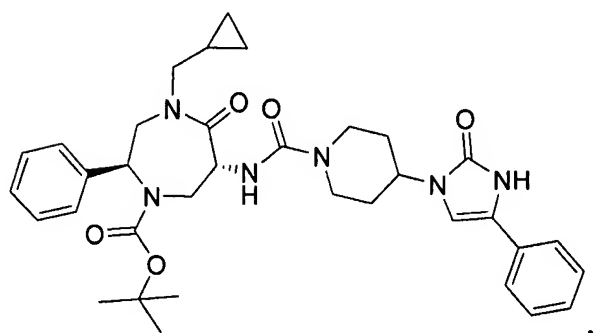
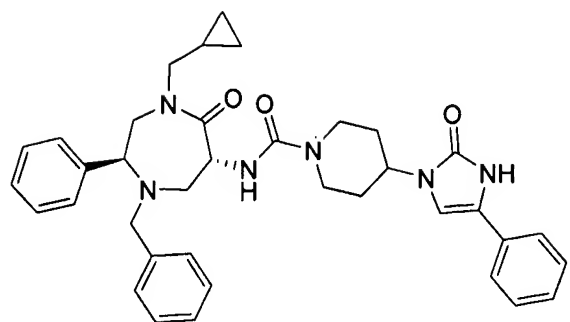
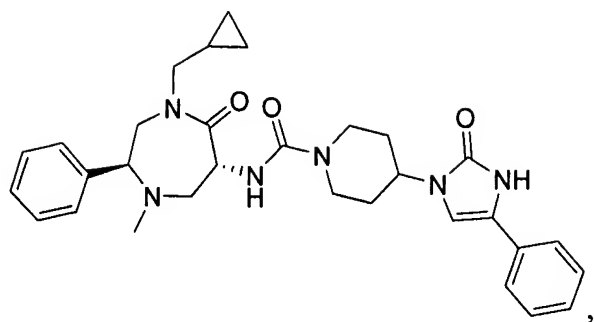
10. (Currently Amended) A compound selected from the group consisting of:

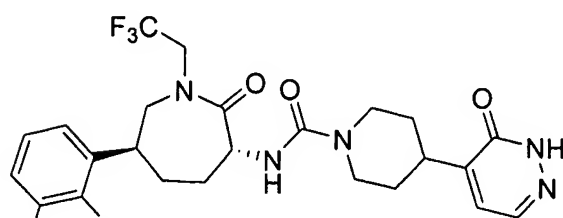
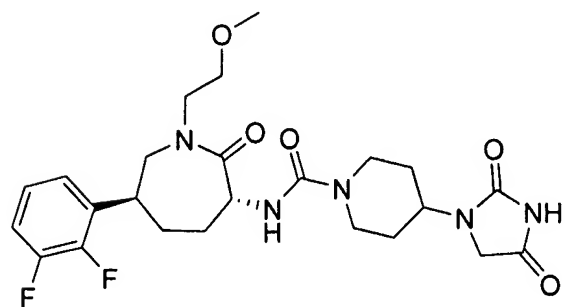
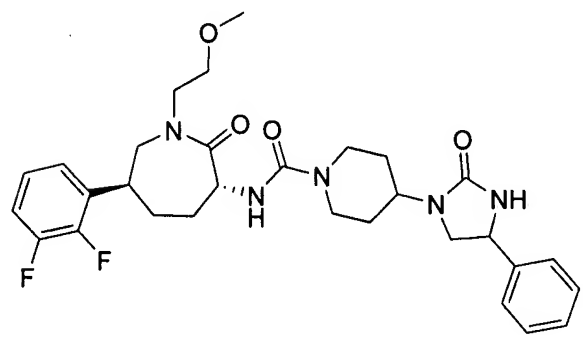
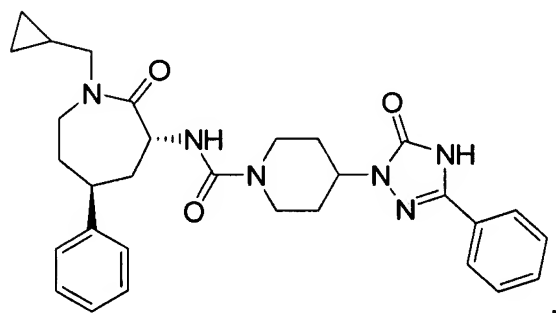
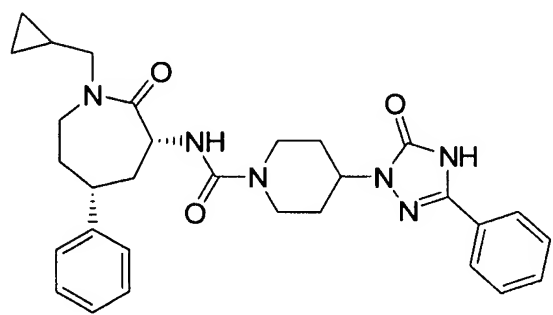
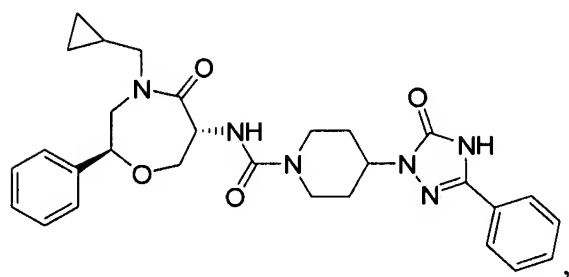
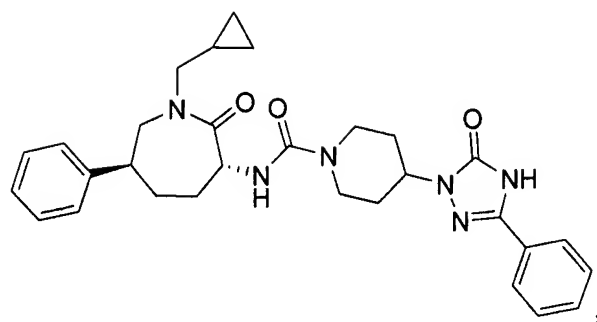
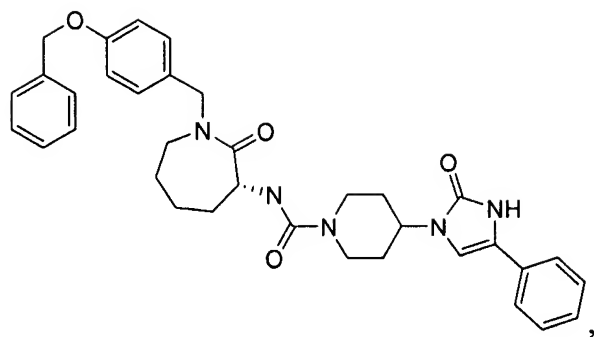












, and

or a and pharmaceutically acceptable salt salts and individual diastereomers thereof.

11. (Original) A pharmaceutical composition which comprises an inert carrier and the compound of Claim 1.

12. (Canceled)

13. (Currently Amended) A method for treating, ~~controlling, ameliorating or reducing the risk of headache, migraine or cluster headache~~ in a mammalian patient in need of such which comprises administering to the patient a therapeutically effective amount of the compound of Claim 1.